

Form PTO/SB/08  
INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

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Docket Number (Optional)  
GNCA-P02-007

Application Number  
09/866,557

Applicant  
Beach et al.

Filing Date  
May 24, 2001

Group Art Unit  
1637

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CA	AA 6,326,193	12/4/01	Liu et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
CA	AB WO 01/36646	5/25/01	PCT				
CA	AC WO 01/48183	7/5/01	PCT				
CA	AD WO 01/75164	10/11/01	PCT				
CA	AE WO 02/44321	6/6/02	PCT				
CA	AF WO 02/059300	8/1/02	PCT				
CA	AG WO 02/068635	9/6/02	PCT				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

CA	AH	Bass, B.L. Double-Stranded RNA as a Template for Gene Silencing. <i>Cell</i> 101, 235-238 (2000).
CA	AI	Baulcombe, D.C. RNA as a target and an initiator of post-transcriptional gene silencing in transgenic plants. <i>Plant Mol. Biol.</i> 32, 79-88 (1996).
CA	AJ	Baulcombe, D.C. Gene silencing: RNA makes RNA makes no protein. <i>Curr. Biol.</i> 9, R599-R601 (1999).
CA	AK	Bohmert, K. et al. AGO1 defines a novel locus of Arabidopsis controlling leaf development. <i>EMBO J.</i> 17, 170-180 (1998).
CA	AL	Bosher, J.M. et al. RNA Interference Can Target Pre-mRNA: Consequences for Gene Expression in a <i>Caenorhabditis elegans</i> Operon. <i>Genetics</i> 153, 1245-1256 (Nov. 1999).
CA	AM	Bosher, J.M. & Labouesse, M. RNA interference: genetic wand and genetic watchdog. <i>Nat. Cell Biol.</i> 2, E31-36 (2000).
CA	AN	Catalanotto, C. et al. Gene silencing in worms and fungi. <i>Nature</i> 404, 245 (2000).
CA	AO	Cogoni, C. & Macino, G. Gene silencing in <i>Neurospora crassa</i> requires a protein homologous to RNA-dependent RNA polymerase. <i>Nature</i> 399, 166-169 (1999).
CA	AP	Cogoni, C. & Macino, G. Posttranscriptional Gene Silencing in <i>Neurospora</i> by a RecQ DNA Helicase. <i>Science</i> 286, 2342-2344 (1999).

Cynthia Wilder

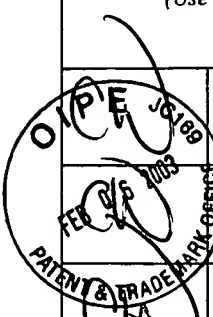
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		Filing Date May 24, 2001	Group Art Unit 1637
	AQ	Connelly, J.C. & Leach, D.R. The sbcC and sbcD genes of Escherichia coli encode a nuclease involved in palindromic inviability and genetic recombination. <i>Genes Cell</i> 1, 285-291 (1996).	
	AR	Dalmay, T. et al. An RNA-Dependent RNA Polymerase Gene in Arabidopsis is Required for Posttranscriptional Gene Silencing Mediated by a Transgene but Not by a Virus. <i>Cell</i> 101, 543-553 (2000).	
	AS	Di Nocera, P.P. & Dawid, I.B. Transient expression of genes introduced into cultured cells of Drosophila. <i>PNAS</i> 80, 7095-7098 (1983).	
	AT	Fagard, M. et al. AGO1, QDE-2, and RDE-1 are related proteins required for post-transcriptional gene silencing in plants, quelling in fungi, and RNA interference in animals. <i>PNAS</i> 97, 11650-11654 (10 Oct. 2000).	
	AU	Fire, A. RNA-triggered gene silencing. <i>Trends Genet.</i> 15, 358-363 (1999).	
	AV	Fire, A. et al. Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> . <i>Nature</i> 391, 806-811 (1998).	
	AW	Fortier, E. & Belote, J.M. Temperature-Dependent Gene Silencing by an Expressed Inverted Repeat in Drosophila. <i>Genesis</i> 26, 240-244 (2000).	
	AX	Gillespie, D.E. & Berg, C.A. homeless is required for RNA localization in Drosophila oogenesis and encodes a new member of the DE-H family of RNA-dependent ATPases. <i>Genes Dev.</i> 9, 2495-2508 (1995).	
	AY	Guo, S. & Kemphues, K.J. par-1, a Gene Required for Establishing Polarity in C. elegans Embryos, Encodes a Putative Ser/Thr Kinase that is Asymmetrically Distributed. <i>Cell</i> 81, 611-620 (1995).	
	AZ	Hamilton, J.A. & Baulcombe, D.C. A Species of Small Antisense RNA in Posttranscriptional Gene Silencing in Plants. <i>Science</i> 286, 950-952 (1999).	
	BA	Hammond, S.M. et al. An RNA-directed nuclease mediates post-transcriptional gene silencing in Drosophila cells. <i>Nature</i> 404, 293-296 (2000).	
	BB	Hunter, C. Genetics: A touch of elegance with RNAi. <i>Curr. Biol.</i> 9, R440-R442 (1999).	
	BC	Jacobsen, S.E. et al. Disruption of an RNA helicase/RNase III gene in Arabidopsis causes unregulated cell division in floral meristems. <i>Development</i> 126, 5231-5243 (1999).	
	BD	Jones, A.L. et al. De novo methylation and co-suppression induced by a cytoplasmically replicating plant RNA virus. <i>EMBO J.</i> 17, 6385-6393 (1998).	
BE	Jones, L. et al. RNA-DNA Interactions and DNA Methylation in Post-Transcriptional Gene Silencing. <i>Plant Cell</i> 11, 2291-2301 (Dec. 1999).		
BF	Kalejta, R.F. et al. An Integral Membrane Green Fluorescent Protein Marker, Us9-GFP, is Quantitatively Retained in Cells during Propidium Iodide-Based Cell Cycle Analysis by Flow Cytometry. <i>Exp. Cell. Res.</i> 248, 322-328 (1999).		
BG	Kennerdell, J.R. & Carthew, R.W. Use of dsRNA-Mediated Genetic Interference to Demonstrate that frizzled and frizzled 2 Act in the Wingless Pathway. <i>Cell</i> 95, 1017-1026 (1998).		

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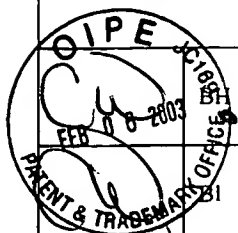
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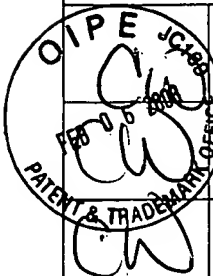
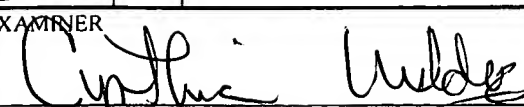
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	BY	Sijen, T. & Kooter, J.M. Post-transcriptional gene-silencing: RNAs on the attack or on the defense? <i>Bioessays</i> 22, 520-531 (2000).	
	BZ	Smardon, A. et al. EGO-I is related to RNA-directed RNA polymerase and functions in germ-line development and RNA interference in <i>C. elegans</i> . <i>Curr. Biol.</i> 10, 169-178 (2000).	
	CA	Smith, N.A. et al. Total silencing by intron-spliced hairpin RNAs. <i>Nature</i> 407, 319-320 (2000).	
	CB	Tabara, H. et al. RNAi in <i>C. elegans</i> : Soaking in the Genome Sequence. <i>Science</i> 282, 430-432 (1998).	
	CC	Tabara, H. et al. The rde-I Gene, RNA Interference, and Transposon Silencing in <i>C. elegans</i> . <i>Cell</i> 99, 123-132 (1999).	
	CD	Tavernarakis, N. et al. Heritable and inducible genetic interference by double-stranded RNA encoded by transgenes. <i>Nat. Genet.</i> 24, 180-183 (2000).	
	CE	Timmons, L. & Fire, A. Specific interference by ingested dsRNA. <i>Nature</i> 395, 854 (1998).	
	CF	Tuschl, T. et al. Targeted mRNA degradation by double-stranded RNA in vitro. <i>Genes Dev.</i> 13, 3191-3197 (1999).	
	CG	Vaucheret, H. et al. Transgene-induced gene silencing in plants. <i>Plant J.</i> 16, 651-659 (1998).	
	CH	Wassenegger, M. & Pelissier, T. A model for RNA-mediated gene silencing in higher plants. <i>Plant Mol. Biol.</i> 37, 349-362 (1998).	
	CI	Waterhouse, P.M. et al. Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antisense RNA. <i>PNAS</i> 95, 13959-13964 (Nov. 1998).	
	CJ	Wianny, F. & Zernicka-Goetz, M. Specific interference with gene function by double-stranded RNA in early mouse development. <i>Nature Cell Biol.</i> 2, 70-75 (2000).	
CK	Wolf, D.A. & Jackson, P.K. Cell cycle: Oiling the gears of anaphase. <i>Curr. Biol.</i> 8, R636-R639 (1998).		
CL	Zamore, P.D. et al. RNAi: Double-Stranded RNA Directs the ATP-Dependent Cleavage of mRNA at 21 to 23 Nucleotide Intervals. <i>Cell</i> 101, 25-33 (2000).		
EXAMINER 		DATE CONSIDERED July 2, 2004	
EXAMINER Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

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